

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| L3    | 2    | "6021222".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2009/07/14<br>14:51 |
| S1    | 2    | "20040146201".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2007/02/11<br>20:19 |
| S2    | 4141 | 382/141-152.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2007/02/11<br>21:48 |
| S3    | 35   | 382/141-152.ccls. and<br>(edge near2 detect\$4)<br>with (window kennel) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2007/02/11<br>21:50 |
| S4    | 1350 | (edge near2 detect\$4)<br>with (window kennel)                          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2007/02/11<br>21:50 |
| S5    | 39   | (edge near2 detect\$4)<br>with (window kennel)<br>with (user operator)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2007/02/12<br>14:16 |
| S6    | 8    | (edge near2 detect\$4)<br>with (window kennel)<br>with (user)           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2007/02/12<br>16:31 |
| S7    | 1    | sobel near2 user  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2007/02/12<br>14:25 |
| S8    | 1    | sobel near2 window<br>near2 size  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2007/02/12<br>16:27 |

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| S9  | 40    | (edge near3 detect\$4)<br>with (window kennel)<br>with (specif\$4)                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>17:04 |
| S10 | 2     | "20040146201".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>17:01 |
| S11 | 210   | (edge near3 detect\$4)<br>same (window kennel)<br>same (specif\$4)                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>17:03 |
| S12 | 0     | (edge near3 detect\$4)<br>with (window kennel)<br>with (user near3 specif<br>\$4) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>17:05 |
| S13 | 5     | (edge near3 detect\$4)<br>same (window kennel)<br>same (user near3 specif<br>\$4) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>17:21 |
| S14 | 27650 | window near3 (distance<br>separat\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>17:24 |
| S15 | 10    | window near3 (distance<br>separat\$4) near3 (edge<br>near3 detect\$4)             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>17:24 |
| S16 | 10    | window near3 (distance<br>separat\$4) near3 ((edge<br>near3 detect\$4) sobel)     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>17:55 |
| S17 | 39677 | edge near detect\$4   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>17:55 |
| S18 | 8346  | edge near detect\$4 and<br>(window kennel)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:01 |

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| S19 | 260     | 382/141-152.ccls. and<br>workpiece   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:02 |
| S20 | 976     | 382/141-152.ccls. and<br>window  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:02 |
| S21 | 63      | 382/141-152.ccls. and<br>window near3 (distance<br>separat\$4)                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:13 |
| S22 | 2029314 | 382/141-152.ccls. and<br>window near4 (distance<br>separat\$4) user4 user                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:13 |
| S23 | 1250    | 382/141-152.ccls. and<br>(window near4 (distance<br>separat\$4) user4 user)                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:14 |
| S24 | 77      | 382/141-152.ccls. and<br>(window near4 (distance<br>separat\$4))                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:14 |
| S25 | 2       | 382/141-152.ccls. and<br>(window near4 (distance<br>separat\$4) near4 user)                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:57 |
| S26 | 1265    | (window near4 (distance<br>separat\$4) near4 user)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:58 |
| S27 | 0       | (window near4 (distance<br>separat\$4) near4 user)<br>same ((edge near detect<br>\$4) sobel) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:58 |
| S28 | 16      | (window near4 (distance<br>separat\$4) near4 user)<br>and ((edge near detect<br>\$4) sobel)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>18:59 |

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| S29 | 1265 | (window near4 (distance separat\$4) near4 user)                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:00 |
| S30 | 793  | (window near4 (distance separat\$4) near4 user) and image                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:00 |
| S31 | 607  | (window near3 (distance separat\$4) near3 user) and image                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:00 |
| S32 | 374  | (window near2 (distance separat\$4) near2 user) and image                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:01 |
| S33 | 0    | (window near2 (distance separat\$4) near2 user) and ((edge).ti. edge.ab.) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:01 |
| S34 | 5    | ((edge) near4 window near4 (distance separat \$4) near4 user)             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:03 |
| S35 | 4141 | 382/141-152.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:04 |
| S36 | 149  | 382/141-152.ccls. and stripe  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:04 |
| S37 | 976  | 382/141-152.ccls. and window  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:05 |
| S38 | 168  | 382/205.ccls. and distance  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/12<br>19:11 |

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| S39 | 12   | 382/205.ccls. and distance with window   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | ON | 2007/02/12<br>19:15 |
| S40 | 51   | 382/205.ccls. and position with window   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | ON | 2007/02/12<br>19:17 |
| S41 | 1    | 382/205.ccls. and position with window with user   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | ON | 2007/02/12<br>19:17 |
| S42 | 8    | (edge near2 detect\$4) with (window kennel) with (user)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | ON | 2007/05/31<br>18:57 |
| S43 | 2    | "3597732".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | ON | 2007/05/31<br>18:57 |
| S44 | 7    | ("3142818"   "3344399"). PN. OR ("3597732"). URPN.   | US-PGPUB;<br>USPAT; USOCR  | OR | ON | 2007/05/31<br>19:06 |
| S45 | 291  | 382/263.ccls.  | US-PGPUB;<br>USPAT; USOCR  | OR | ON | 2007/05/31<br>19:07 |
| S46 | 106  | 382/263.ccls. and (window kernel)  | US-PGPUB;<br>USPAT; USOCR  | OR | ON | 2007/05/31<br>19:07 |
| S47 | 106  | 382/263.ccls. and (window kernel)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2007/05/31<br>19:09 |
| S48 | 41   | ("20020131639"   "3597732"   "5343390"   "5845007"   "5875040"   "5881171"   "6021222"   "6094508"   "6173083"   "6208763"   "6229578"   "6337925"   "6404936"   "6415053"   "6421469"   "6449391"   "6453069"   "6498660"   "6707937"). PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2007/05/31<br>19:09 |
| S49 | 1012 | 382/141-152.ccls. and window   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB       | OR | ON | 2007/06/03<br>17:25 |

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| S50 | 4287 | 382/141-152.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/03<br>17:25 |
| S51 | 35   | 382/141-152.ccls. and<br>(edge near2 detect\$4)<br>with (window kennel)               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/03<br>17:25 |
| S52 | 12   | 382/205.ccls. and<br>distance with window   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/03<br>17:25 |
| S53 | 51   | 382/141-152.ccls. and<br>(detect\$4) near2 edge<br>and workpiece                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/14<br>14:01 |
| S54 | 12   | 382/205.ccls. and<br>distance with window   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/14<br>16:30 |
| S55 | 55   | 382/141-152.ccls. and<br>(detect\$4) near2 edge<br>and workpiece                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>13:33 |
| S56 | 84   | 382/141-152.ccls. and<br>(window near4 (distance<br>separat\$4))                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>13:34 |
| S57 | 12   | 382/205.ccls. and<br>distance with window   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>13:34 |
| S58 | 12   | 382/205.ccls. and<br>distance with window   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>13:34 |
| S59 | 78   | 382/260,263,266.ccls.<br>and (kernel window)<br>near5 (inside internal<br>overlap\$4) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>13:41 |

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| S60 | 78  | 382/260,263,266.ccls.<br>and (window kernel)<br>near5 (overlap\$4 inside<br>internal)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>17:29 |
| S61 | 807 | 382/260,263,266.ccls.<br>and (window kernel)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>17:30 |
| S62 | 194 | 382/260,263,266.ccls.<br>and (window kernel)<br>near5 set\$4  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>17:30 |
| S63 | 174 | 382/260,263,266.ccls.<br>and (window kernel)<br>near5 set\$4 and edge   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>17:30 |
| S64 | 141 | 382/260,263,266.ccls.<br>and (window kernel)<br>near5 set\$4 and edge not<br>S60  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/04/30<br>17:30 |
| S65 | 78  | 382/260,263,266.ccls.<br>and (window kernel)<br>near5 (overlap\$4 inside<br>internal)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/01<br>09:54 |
| S66 | 141 | 382/260,263,266.ccls.<br>and (window kernel)<br>near5 set\$4 and edge not<br>S65  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/01<br>09:54 |
| S67 | 78  | 382/260,263,266.ccls.<br>and (window kernel)<br>near5 (overlap\$4 inside<br>internal)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/01<br>14:55 |
| S68 | 141 | 382/260,263,266.ccls.<br>and (window kernel)<br>near5 set\$4 and edge not<br>S67  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/01<br>14:55 |
| S69 | 14  | ("4410278"   "4642813"  <br>"4947323"   "5003615"  <br>"5081689"   "5189710"  <br>"5574800"   "5734739"  <br>"5737441"   "5969273"  <br>"5974169"   "6094508").<br>PN. OR ("6621928").<br>URPN. | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2008/05/01<br>17:01 |

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| S70 | 107  | keyence.as.  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2008/05/01<br>17:04 |
| S71 | 39   | keyence.as. and edge   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2008/05/01<br>17:05 |
| S72 | 341  | "382"/\$.ccls. and<br>(window kernel) near5<br>(set setting) and edge<br>near3 (window kernel)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/01<br>17:11 |
| S73 | 305  | "382"/\$.ccls. and<br>(window kernel) near5<br>(set setting) and edge<br>near3 (window kernel)<br>not S68  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/01<br>17:12 |
| S74 | 105  | "382"/\$.ccls. and<br>(window kernel) near5<br>(set setting) and edge<br>near3 (window kernel)<br>and (window kernel)<br>near5 (overlap\$4 inside<br>internal) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/01<br>17:12 |
| S75 | 2    | "20040136588".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/01<br>22:50 |
| S76 | 9    | (edge near2 detect\$4)<br>with (window kennel)<br>with (user)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>23:19 |
| S77 | 5005 | "382"/\$.ccls. and (kernel<br>window) near3 (equal<br>"same" length width size)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>23:20 |
| S78 | 472  | "382"/\$.ccls. and (kernel<br>window) near3 (equal<br>"same") near3 (length<br>width size)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>23:49 |
| S79 | 332  | "382"/\$.ccls. and (kernel<br>window) near3 (equal<br>"same") near3 (length<br>width size) and edge  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>23:49 |
| S80 | 337  | "382"/\$.ccls. and (kernel<br>window) near3 (equal<br>"same") near3 (length<br>width size height) and<br>edge  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>23:52 |



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| S81 | 11  | "382"/\$.ccls. and (kernel window) near3 (equal "same") near3 (height) and edge       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/03<br>23:52 |
| S82 | 69  | "382"/\$.ccls. and (kernel window) near3 (equal "same") near3 (length width) and edge | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>00:05 |
| S83 | 288 | "382"/\$.ccls. and (kernel window) near3 (equal "same") near3 (size) and edge         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>01:02 |
| S84 | 222 | "382"/\$.ccls. and (kernel window) near3 (height) and edge                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>01:15 |
| S85 | 52  | "382"/\$.ccls. and (kernel window) near3 (height) same edge                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>01:17 |
| S86 | 74  | (kernel window) near3 (equal "same") near3 (height) and edge and image                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>11:04 |
| S87 | 74  | (kernel window) near3 (equal "same") near3 (height) and edge and image                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>12:42 |
| S88 | 222 | "382"/\$.ccls. and (kernel window) near3 (height) and edge                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>12:52 |
| S89 | 180 | "382"/\$.ccls. and (kernel window) same (height) same edge                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>12:53 |
| S90 | 4   | ("6021222" "5475766").<br>pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>13:33 |

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| S91 | 290  | "382"/\$.ccls. and<br>(operator user) near3<br>(select set\$4 assign\$4<br>choos\$3) near3 (window)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>15:35 |
| S92 | 39   | "382"/\$.ccls. and<br>(operator user) with<br>(select set\$4 assign\$4<br>choos\$3) with (window)<br>with (distance between<br>displac\$5)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>15:41 |
| S93 | 151  | "382"/\$.ccls. and<br>(operator user) near3<br>(select set\$4 assign\$4<br>choos\$3) near3 (window<br>kernel) and edge  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>15:41 |
| S94 | 1    | "382"/\$.ccls. and<br>(operator user) near3<br>(select set\$4 assign\$4<br>choos\$3) near3 (window<br>kernel) near3 (distance<br>between space separat\$3<br>displac\$5) and edge | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>15:45 |
| S95 | 3    | "382"/\$.ccls. and<br>(operator user) near3<br>(select set\$4 assign\$4<br>choos\$3) near3 (window<br>kernel) with (distance<br>between space separat\$3<br>displac\$5) and edge  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>15:46 |
| S96 | 2588 | keyence.as.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>15:50 |
| S97 | 107  | keyence.as. and window  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>15:50 |
| S98 | 151  | "382"/\$.ccls. and<br>(operator user) near3<br>(select set\$4 assign\$4<br>choos\$3) near3 (window<br>kernel) and edge  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>16:08 |
| S99 | 2    | "382"/\$.ccls. and<br>(operator user) near5<br>(select set\$4 assign\$4<br>choos\$3) near5 (window<br>kernel) near5 (distance<br>between space separat\$3<br>displac\$5) and edge | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>16:34 |

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| S100 | 8  | "382"/\$.ccls. and (operator user) near5 (select set\$4 assign\$4 choos\$3) near5 (window kernel) near5 (distance between space separat\$3 displac\$5)                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>16:38 |
| S101 | 25 | "382"/\$.ccls. and (operator user) near5 (readjust\$4 adjust\$4 select\$4 set\$4 assign\$4 choos\$3) near5 (window kernel) near5 (distance between space separat\$3 displac\$5)      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>16:40 |
| S102 | 66 | alex near lieu   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>16:43 |
| S103 | 62 | 382/254-275.ccls. and window near3 (distance)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>16:52 |
| S104 | 1  | 382/254-275.ccls. and (user operator person individual) near3 window near3 (distance)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>16:52 |
| S105 | 5  | "382"/254-275.ccls. and (operator user) near5 (readjust\$4 adjust\$4 select\$4 set\$4 assign\$4 choos\$3) near5 (window kernel) near5 (distance between space separat\$3 displac\$5) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:14 |
| S106 | 0  | "382"/\$.ccls. and classifier and edge and populate  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:16 |
| S107 | 0  | "382"/\$.ccls. and classifier and edge and population  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:17 |
| S108 | 0  | "382"/\$.ccls. and classifier and edge and populat\$4  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:17 |

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| S109 | 3   | "382"/\$.ccls. and classf\$7<br>and edge and populat\$4  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:19 |
| S110 | 2   | "20040146201".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:23 |
| S111 | 103 | "382"/254-275.ccls. and<br>(readjust\$4 adjust\$4<br>select\$4 set\$4 assign\$4<br>choos\$3) near5 (window<br>kernel) near5 (distance<br>between space separat\$3<br>displac\$5)                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:24 |
| S112 | 980 | "382"/254-275.ccls. and<br>(readjust\$4 adjust\$4<br>select\$4 set\$4 assign\$4<br>choos\$3) near5 (window<br>kernel)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:25 |
| S113 | 146 | "382"/254-275.ccls. and<br>(readjust\$4 adjust\$4<br>select\$4 set\$4 assign\$4<br>choos\$3) near5 (window<br>kernel) near5 (distance<br>between space separat\$3<br>displac\$5 length height<br>width)        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:25 |
| S114 | 4   | "382"/124-127.ccls. and<br>(readjust\$4 adjust\$4<br>select\$4 set\$4 assign\$4<br>choos\$3) near5 (window<br>kernel) near5 (distance<br>between space separat\$3<br>displac\$5 length height<br>width)        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:28 |
| S115 | 367 | "382"/254-275.ccls. and<br>(readjust\$4 adjust\$4<br>select\$4 set\$4 assign\$4<br>choos\$3) near5 (filter<br>window kernel) near5<br>(distance between space<br>separat\$3 displac\$5<br>length height width) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:29 |
| S116 | 33  | "382"/\$.ccls. and<br>(operator user) with<br>(select set\$4 assign\$4<br>choos\$3) with (filter) with<br>(distance between displac<br>\$5)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:30 |

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| S117 | 4   | ("6021222" "5475766").<br>pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:37 |
| S118 | 83  | "382"/\$.ccls. and (user<br>operator) near3 (window<br>filter) near3 parameter                                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:40 |
| S119 | 492 | "382"/\$.ccls. and plurality<br>near3 (window) and user   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:45 |
| S120 | 54  | "382"/254-275.ccls. and<br>plurality near3 (window)<br>and user   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:45 |
| S121 | 7   | "382"/254-275.ccls. and<br>plurality near3 (window)<br>same user  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:45 |
| S122 | 26  | "382"/254-275.ccls. and<br>edge near3 (detect\$4<br>calculat\$4 comput\$4)<br>same (window) same<br>(user operator) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:47 |
| S123 | 0   | (user operatr) near3<br>(adjust\$4) near3<br>(distance) near3 window  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:53 |
| S124 | 0   | (user operator) near3<br>(adjust\$4) near3<br>(distance) near3 window   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:53 |
| S125 | 898 | (user operator) near3<br>(adjust\$4) near3 window   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:53 |
| S126 | 53  | "382"/\$.ccls. and (user<br>operator) near3 (adjust<br>\$4) near3 window  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>19:53 |

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| S127 | 32   | "382"/\$.ccls. and<br>(operator user) near3 plac<br>\$4 near3 window  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>20:07 |
| S128 | 73   | "382"/254-275.ccls. and<br>(readjust\$4 adjust\$4<br>select\$4 set\$4 assign\$4<br>choos\$3) near5 (filter<br>window kernel) near5<br>(width)               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>22:25 |
| S129 | 110  | "382"/254-275.ccls. and<br>(readjust\$4 adjust\$4<br>select\$4 set\$4 assign\$4<br>choos\$3) near5 (filter<br>window kernel) near5<br>(length height width) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>22:40 |
| S130 | 2    | "20040146201".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>22:49 |
| S131 | 38   | 382/141-152.ccls. and<br>(edge near2 detect\$4)<br>with (window kennel)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/04<br>23:28 |
| S132 | 0    | 382/154.ccls. and<br>batterson  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/05<br>01:56 |
| S133 | 11   | 382/154.ccls. and<br>patterson  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/05<br>01:57 |
| S134 | 346  | 382/154.ccls. and<br>(marker fiducial)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/12/05<br>02:04 |
| S135 | 3843 | (max maximum) near2<br>(thickness width<br>strength) near2 (calculat<br>\$4 determin\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/14<br>12:41 |
| S136 | 26   | (max maximum) near2<br>(thickness width<br>strength) near2 (edge)<br>near2 (calculat\$4<br>determin\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/07/14<br>12:41 |

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